

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 089491-0201	SERIAL NO. 09/816,248		
<b>INFORMATION DISCLOSURE CITATION</b> <small>OCT 23 2001</small> <small>U.S. PATENT &amp; TRADEMARK OFFICE</small> <small>(Use several sheets if necessary)</small>		O P E R A T I O N S		APPLICANT Peter BAUMANN, et al.			
				FILING DATE 03/06/2001	GROUP ART UNIT Unassigned		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
Ch	A1	6,046,307	4/00	Shay et al.	530	324	TECH CENTER 1600/2900 NOV 07 2001
Ch	A2	6,194,206	2/01	West et al.	435	375	
Ch	A3	6,156,763	12/00	Kerwin et al.	514	279	
Ch	A4	6,110,955	8/00	Nudelman et al.	514	411	
Ch	A5	6,054,442	4/00	Chen et al.	514	45	
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
<b>RECEIVED</b> <i>OCT 25 2001</i> <b>TC 1700</b>							
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Ch	A6	J. P. Cooper, "Telomere Transitions in Yeast: The End of the Chromosome As We Know It", <u>Genetics &amp; Development</u> , April 2000, pp. 169-177; @ 2000 Elsevier Science Ltd.					
	A7	McEachern et al., "Telomeres and Their Control", <u>Annu. Rev. Genet.</u> 2000, Volume 34, pp. 331-358; Annual Reviews					
	A8	C. M. Price, "Telomeres and Telomerase: Broad Effects on Cell Growth", <u>Genetics &amp; Development</u> , April 1999, Volume 9, Number 2, pp. 218-224; Elsevier Science Ltd.					
	A9	Bodnar et al., "Extension of Life-Span by Introduction of Telomerase into Normal Human Cells", <u>Science</u> , January 1998, Volume 279, pp. 349-352.					
Ch	A10	Gottschling et al., "Telomere Proteins: Specific Recognition and Protection of the Natural Termini of Oxytricha Macronuclear DNA", <u>Cell</u> , October 1986, Volume 47, Number 2, pp. 195-205; Cell Press; Cell Press.					
EXAMINER <i>Carla Myers</i>		DATE CONSIDERED <i>4-15-02</i>					
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</p>							

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CH	A11	C. M. Price, "Telomeric DNA-protein Interactions of Oxytricha Macronuclear DNA", <u>Gene &amp; Development</u> , October 1987, Volume 1, Number 8, pp. 783-793, Cold Spring Harbor Laboratory			
		10/25/2001			
	A12	Horvath, "Crystal Structure of the Oxytricha nova Telomere End Binding Protein Complexed with Single Strand DNA", <u>Cell</u> , December 1998, Volume 95, pp. 963-974, Cell Press.			
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	A13	G. Fang et al., "Oxytricha Telomere-binding Protein: Separable DNA-binding and Dimerization Domains of the $\alpha$ -subunit", <u>Genes &amp; Development</u> , May 1993, Volume 7, Number 5, pp. 870-882, Cold Spring Harbor Lab.			
	A14	Froelich-Ammon et al., "Modulation of Telomerase Activity by Telomere DNA-binding Proteins in Oxytricha", <u>Genes &amp; Development</u> , 1998, Volume 12, pp. 1504-1514, Cold Spring Harbor Laboratory			
	A15	Makarov et al., "Long G Tails at Both Ends of Human Chromosomes Suggest a C Strand Degradation Mechanism for Telomere Shortening", <u>Cell</u> , March 1997, Volume 88, pp. 657-666, Cell Press.			
	A16	Haering et al., "Analysis of Telomerase Catalytic Subunit Mutants in vivo and <i>vitro</i> in <i>Schizosaccharomyces Pombe</i> ", <u>PNAS</u> , June 2000, Volume 97, Number 12, pp. 6367-6372.			
	A17	Baumann et al., "Protection of Telomeres by the KU Protein in Fission Yeast", <u>Molecular Biology of the Cell</u> , October 2000, Volume 11, pp. 3265-3275, The American Society for Cell Biology.			
	A18	Nakamura et al., "Two Modes of Survival of Fission Yeast Without Telomerase", <u>Science</u> , October 1998 Volume 282, pp. 493-496, Am. Assoc. for the Advancement of Science..			
	A19	Aigner et al., "Euplotes Telomerase Contains an La Motif Protein Produced by Apparent Translational Frameshifting", <u>The EMBO Journal</u> , 2000, Vol 19, No 22, pp. 6230-6239; European Molecular Biology Org.			
	A20	Rosenberg et al., "Grafting Genetically Modified Cells to the Damaged Brain: Restorative Effects of NGF Expression", <u>Science</u> , December 1988, Volume 242, pp. 1575-1578.			
	A21	Wolff et al., "Grafting Fibroblasts Genetically Modified to Produce L-Dopa in a Rat Model of Parkinson Disease", <u>Proc. Natl. Acad. Sci.</u> , November 1989, Volume 86, pp. 9011-9014, NAS.			
	A22	C. P. Hodgson, "The Vector Void in Gene Therapy", <u>Bio/Technology</u> , March 1995, Volume 13, pp. 222-225, <u>Nature</u>			
	A23	Caplen et al., Liposome-Mediated CFTR Gene Transfer to the Nasal Epithelium of Patients with Cystic Fibrosis", <u>Nature Medicine</u> , January 1995, Volume 1, Number 1, pp. 39-46.			
CH	A24	Zhu et al., "Systemic Gene Expression After Intravenous DNA Delivery into Adult Mice", <u>Science</u> , July 1993, Vol. 261, pp. 209-211, Am. Assoc. for the Advancement of Science			
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